

A SISTER INSTITUTION OF ST. XAVIER'S COLLEGE

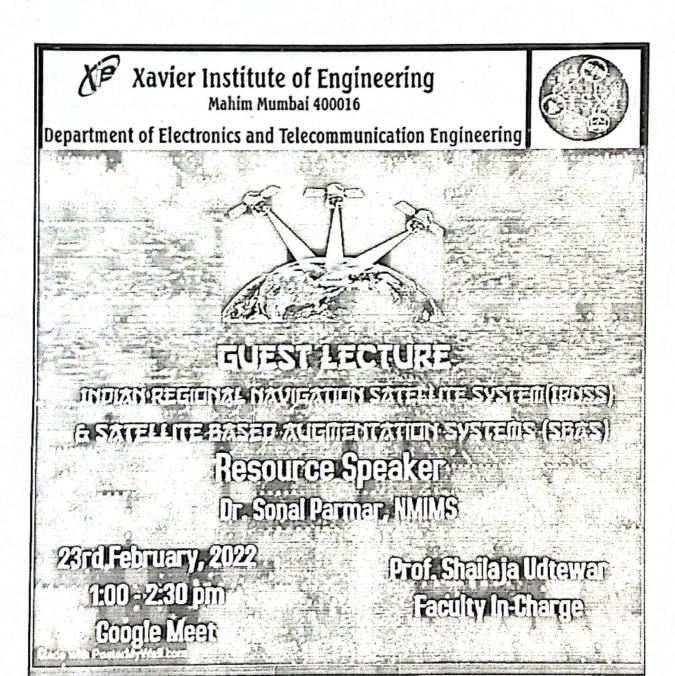
GUEST LECTURE ON "IRNSS & SBAS"

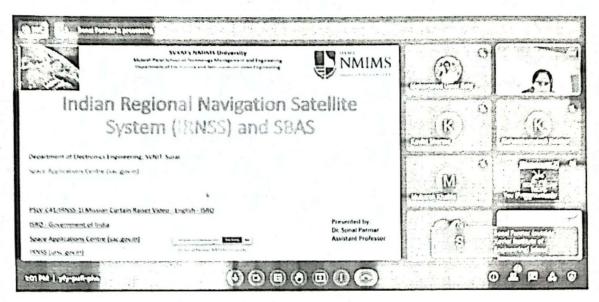
DATE: 23/02/2022 **OBJECTIVE:** The world of Education is changing tremendously, owing to modern requirements and much-needed changes. Conventional methods of Education need to be changed to adapt to current conditions that are way different from the requirements about a decade or two ago. Attention span and the way of grasping knowledge for students Event Coordinator(s) have also been changing for some time now. One of the most effective and evergreen methods in Education Institutions is Guest lectures. Prof. Shailaja Udtewar A guest lecture on "Indian Regional Navigation Satellite System (IRNSS) and SBAS" was planned for Final year EXTC students. IRNSS is an autonomous Student Coordinator(s) regional satellite navigation system being developed by ISRO (Indian Space Research Organization) which is developed parallel to the GAGAN (GPS Aided Ms. Kavita Sharma GEO Augmented Satellite Navigation) program to help in providing location, map navigation and other location-based services. It consists of a constellation of seven Time & Place: satellites and a supporting ground segment. Three of the satellites in the constellation will be placed in a geostationary orbit and the remaining four in a 1 p.m. to 2.30 p.m. geosynchronous inclined orbit of 29° relative to the equatorial plane. Such an Google Meet Platform arrangement would mean all seven satellites would have continuous radio visibility with Indian control stations. The Indian Space Research Organization (ISRO) and Airports Authority of India (AAI) have also implemented the GPS Aided Geo Department: Augmented Navigation-GAGAN project as a Satellite Based Augmentation Electronics and System (SBAS) for the Indian Airspace. Telecommunication 000 SCOPE: No. of participant: As students of the final year Electronics and Telecommunication have Satellite Communication as one of their subjects, so a guest lecture on IRNSS & SBAS will 1 Faculty give students a better opportunity to learn about an explicit topic in a way that gets 37 Students them involved in the class and actively join in a more convenient way of teaching. RESOURCE PERSON: Dr. Sonal Parmar Assistant Professor Mukesh Patel School of Technology Management & Engineering Vile Parle (West), Mumbai

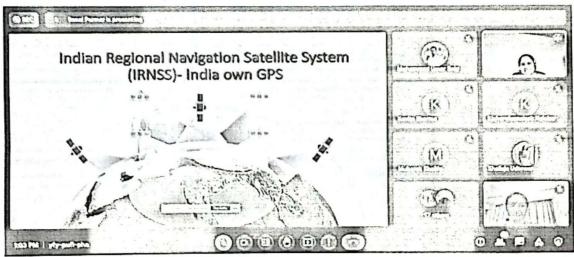
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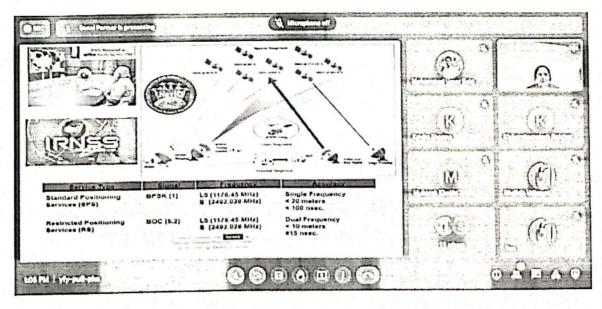
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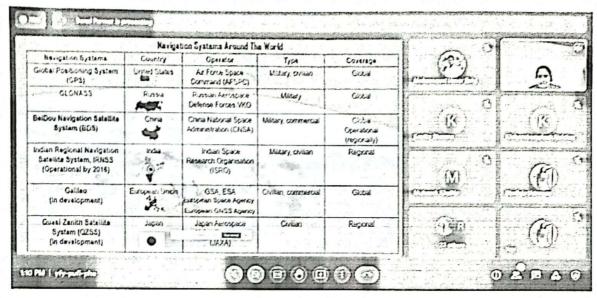


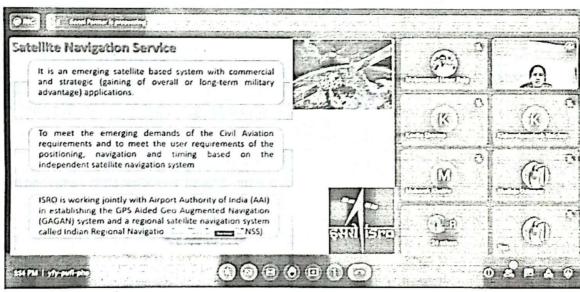


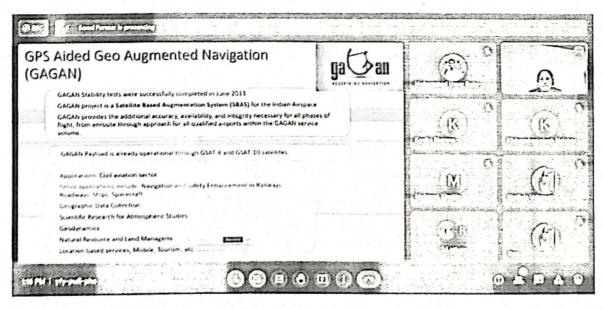


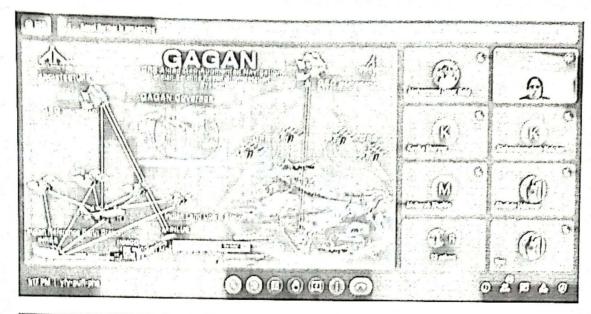


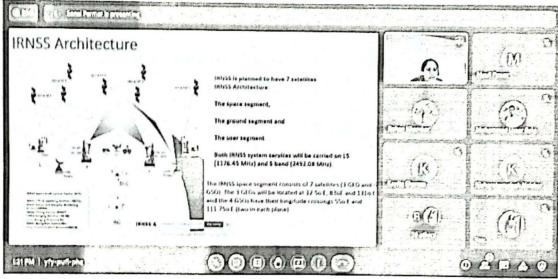
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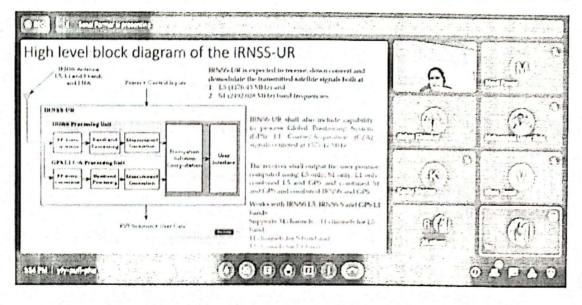


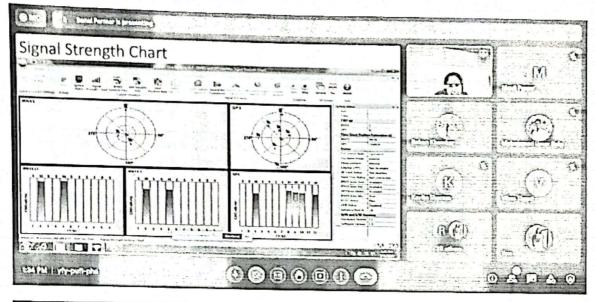


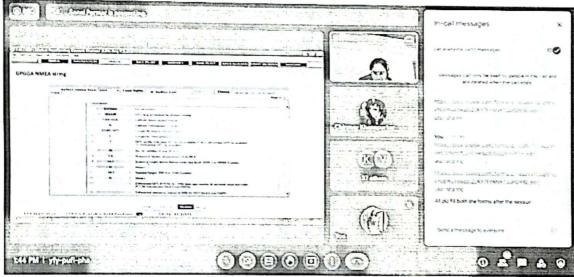


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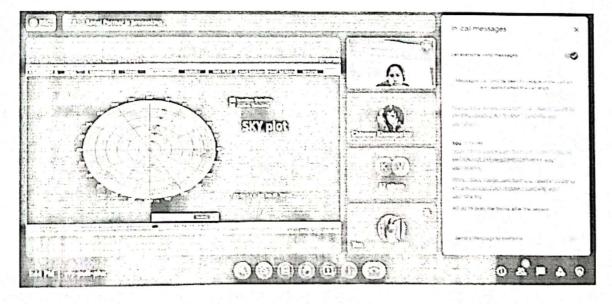


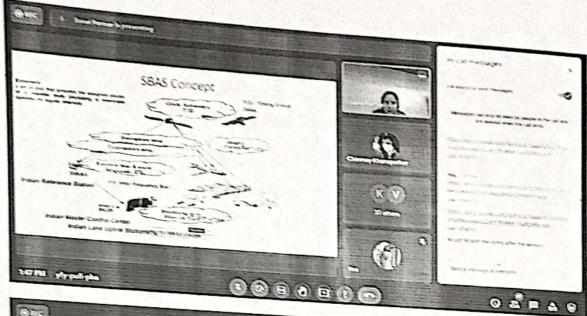




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Prof. Shailaja Udtewar Event Coordinator(s)

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Dr. Vidya Sarode HOD EXTC

Dr. Y. D. Venkatesh Principal

Head of the Department

Department of Electronics and Telecommunication PRINCIPAL

Xavier Institute of Engineering Mavier Institute of Engineering Mahim Causeway, Mahim (W), Mumbai - 400 016 Mahim, Mumbai - 400 016.

X Xavier Institute of Engineering

Department of Electronics and Telecommunication Engineering

Date: 14/02/2022

Notice

All the students of B.E (EXTC) are hereby informed that a Guest lecture on "Indian Regional Navigation Satellite System (IRNSS) and Satellite Based Augmentation Systems (SBAS)" has been organized on 23rd February, 2022 (Wednesday) from 1:00 pm to 3:00 pm on Google Meet Platform (Google Classroomlink).

This lecture is arranged so that students will have a glimpse of (IRNSS), satellite-based navigation system which provides positioning, navigation and timing services for users over Indian region and how the performance of Global Navigation Satellite Systems (GNSSs) can be improved by regional Satellite-based Augmentation Systems (SBAS). The benefits and challenges of each approach and real time life use cases will be explored.

All are requested to attend the same.

Ms. Shailaja Udtewar

(Faculty Incharge)

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Dr. Vidya Sarode

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(HOD-EXTC)

Day 3: Feedback TECH-WEEK-EXTC Guest Lecture on "Indian Regional Navigation Satellite System (IRNSS) and Satellite Based Augmentation Systems (SBAS)"

38 responses

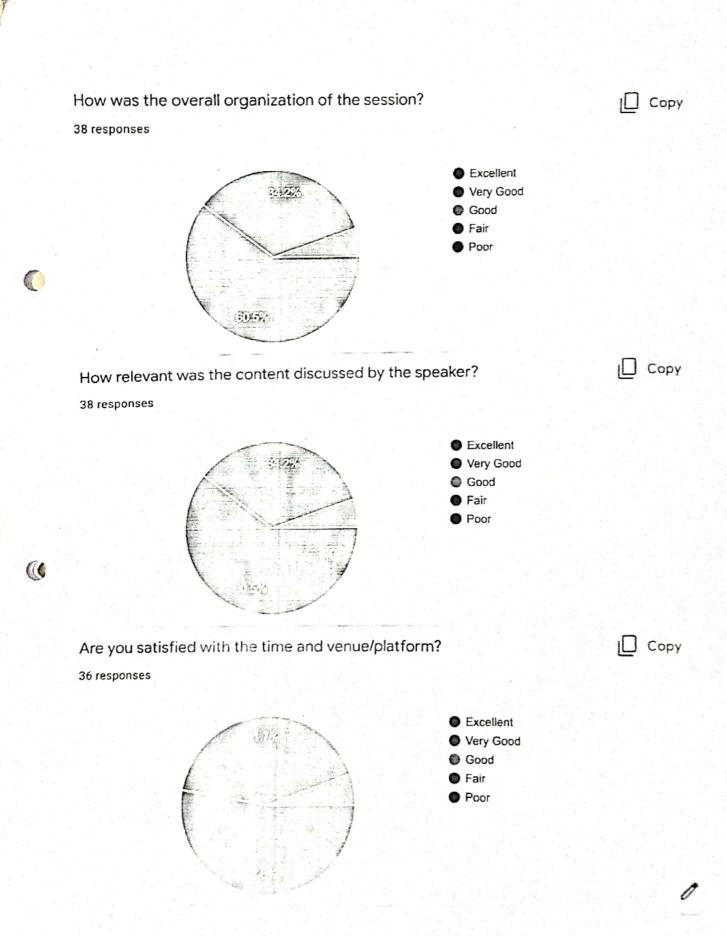
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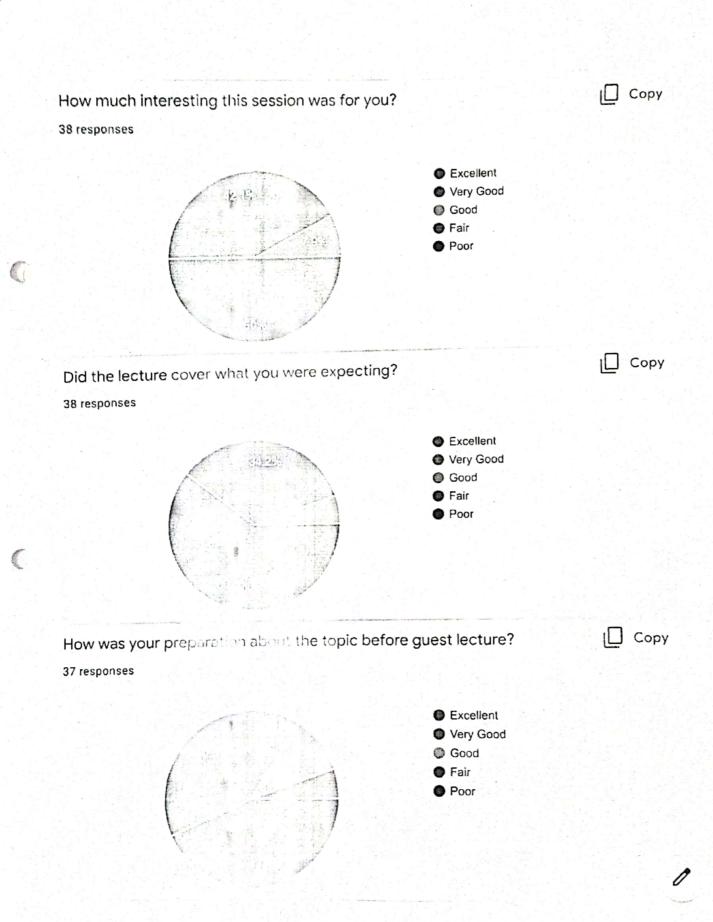
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[Сору How much this session was useful from knowledge and information point of view? 36 responses Excellent Very Good @ Good Fair Peor □ Сору Overall effectiveness of the session 38 responses Excellent Very Good @ Good Fair Poer Additional comments react successions for future 7 responses Gud No Was a wonderful session, and you informative, Need some more session such the in use aming days